AMENDMENTS TO THE SPECIFICATION

Please delete all versions of the sequence listing filed in the present application and replace it with the sequence listing submitted herewith in text file *via* EFS-Web.

In the specification at page 1, after the paragraph entitled "Related Applications" which was inserted in the First Preliminary Amendment dated September 30, 2005, please insert the following new paragraph:

SEQUENCE LISTING SUBMISSION

The Sequence Listing associated with this application is filed in electronic format *via* EFS-Web and hereby incorporated by reference into the specification in its entirety. The name of the text file containing the Sequence Listing is Sequence_Listing_13478_00002. The size of the text file is 412 KB, and the text file was created on January 6, 2009.

In the specification at page 92, please replace Table 10 which was amended in the First Preliminary Amendment with the following amended Table:

Table 10: Sequences of the primers employed:

Clone No.	Organism	Primer sequence in 5'-3' orientation	Length in bp
MaLPAAT1.1	M. alpina	atggatgaatccaccacgacca (SEQ ID NO: 123) tcagcccgatgcttgctgc ~~(SEQ ID NO: 107)~~ (SEQ ID NO: 124)	1254
MaLPAAT1.2	M. alpina	atgaaccctatctacaagggt (SEQ ID NO: 125) tcagcccgatgcttgctgc ~~(SEQ ID NO: 108)~~ (SEQ ID NO: 126)	1170
ShLPAAT	S. hanedai	Atgttactgctagcatttgt (SEQ ID NO: 127) ttactttgccattaagg ~~(SEQ ID NO: 109)~~ (SEQ ID NO: 128)	687
T6	Thrausto.	atgagcgcgtggacgagggc (SEQ ID NO: 129)	918

		ctacaagaggtcaggtcggacgtaca ~~(SEQ ID NO: 110)~~ (SEQ ID NO: 130)	
Pp00406404	P. patens	Atggctttgatgtatatctg (SEQ ID NO: 131) ttacacgatttttcttttag ~~(SEQ ID NO: 111)~~ (SEQ ID NO: 132)	714
Pp02006422	P. patens	atgctgatattacagcccttc (SEQ ID NO: 133) ctaatgaacaggaagaccgt ~~(SEQ ID NO: 112)~~ (SEQ ID NO: 134)	657
Pp01505214	P. patens	atgatccggattttcagag (SEQ ID NO: 135) tcagtccgttttgccgaggt ~~(SEQ ID NO: 113)~~ (SEQ ID NO: 136)	444
Pp00403422	P. patens	atgccgtcgctgtttcggg (SEQ ID NO: 137) tcaatcagttcgcctgcttc ~~(SEQ ID NO: 114)~~ (SEQ ID NO: 138)	1305
Pp00410427	P. patens	atgctgatattacagcccttc (SEQ ID NO: 139) ctaatgaacaggaagaccgt ~~(SEQ ID NO: 115)~~ (SEQ ID NO: 140)	1566
Pp02001815	P. patens	atgaccagcacggaaaatac (SEQ ID NO: 141) ctagatgttagtttcactc ~~(SEQ ID NO: 116)~~ (SEQ ID NO: 142)	1560
Pp01503434	P. patens	atgattatgatggaggtgctg (SEQ ID NO: 143) tcagtccgttttgccgagg ~~(SEQ ID NO: 117)~~ (SEQ ID NO: 144)	1014
Pp01503336	P. patens	atgtgttcaatttcttgtgg	1503

		(SEQ ID NO: 145) ttagtggaacataagctgtt ~~(SEQ ID NO: 118)~~ (SEQ ID NO: 146)	
Fg003028298	Fusarium	atgggaaagtccactttac (SEQ ID NO: 147) ctatgaagtctcctcatcatcg ~~(SEQ ID NO: 119)~~ (SEQ ID NO: 148)	1893

In the specification at page 96, line 24, please replace the paragraph which starts with "The MaLPAAT cDNA" with the following amended paragraphs:

The MaLPAAT cDNA was amplified via PCR with the stated primers ~~MaLPAAT2.1~~ MaLPAAT1.1, the PCR product was cloned into the vector pENTR-SD-D-TOPO (Invitrogen, Carlsbad, USA) in accordance with the manufacturer's instructions and transformed into E. coli XL1 Blue. The MaLPAAT fragment was transferred from the resulting vector pENTR-SD-D-MaLPAAT via Gateway reaction in accordance with the manufacturer's instructions (Invitrogen, Carlsbad, USA) into the vector pYES54Dest, resulting in the vector pYES52Dest-MaLPAAT. PYES52Dest-MaLPAAT was transformed into S. cerevisiae INCSc1 (Invitrogen, Carlsbad, USA) with the aid of the LiAc method.